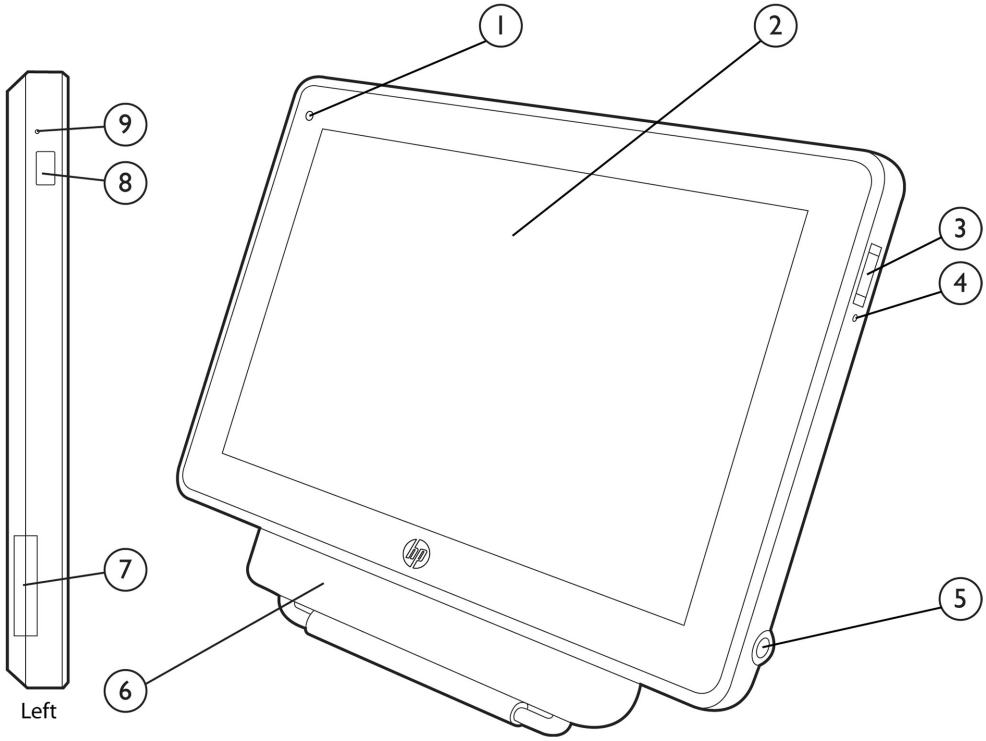
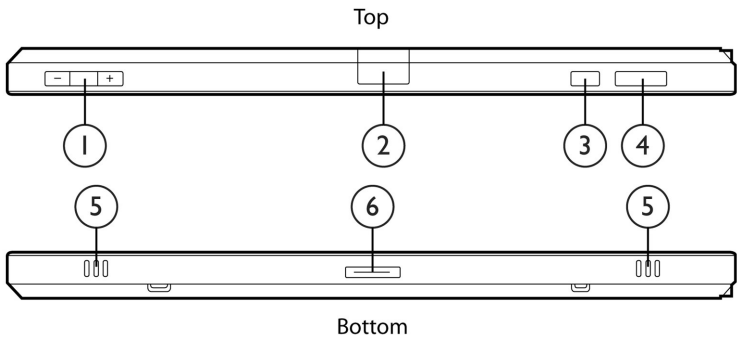
Overview



1. VGA webcam
2. Capacitive multi-touch screen with pen digitizer
3. Power button (also controls display auto rotate)
4. Power LED indicator
5. Combo stereo headphone/mic jack
6. Optional HP Slate Dock
7. Secure Digital slot (SD)/SDHC/SDXC) and SIM card slot (select models only)
8. Onscreen keyboard button
9. Integrated microphone

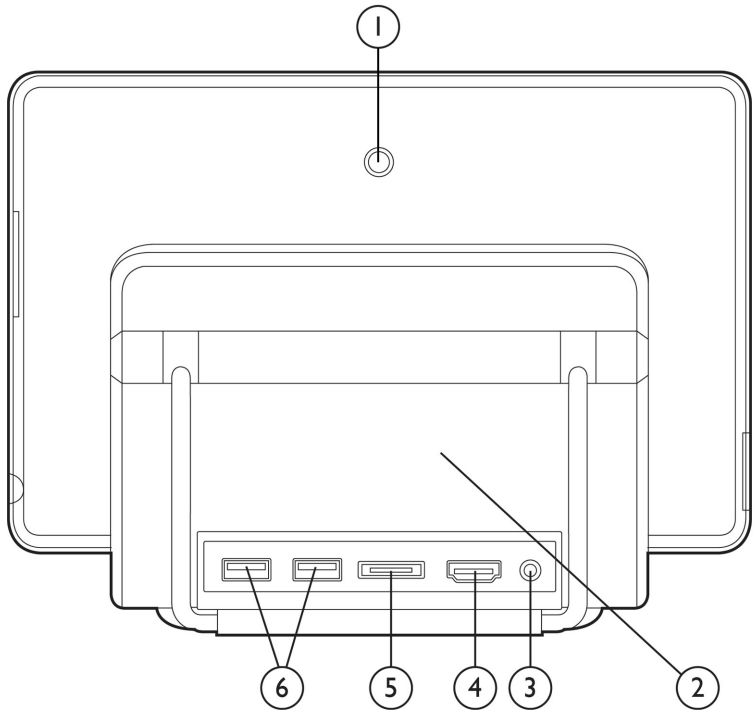


1. Volume control
2. USB 2.0 port
4. Windows® Desktop button
5. Stereo speakers

Overview

3. Ctrl-Alt-Del button
6. Power connector/HP Slate Dock connector

Rear View with Optional HP Slate Dock



1. 3MP camera (outward facing)
2. Optional HP Slate Dock
3. Combo stereo headphone/mic jack
4. HDMI port
5. Power connector
6. (2) USB 2.0 ports

At A Glance

- Genuine Windows® 7 Professional 32, Genuine Windows® 7 Home Premium 32, Windows® Embedded Standard
- Slate tablet design starting at 1.5 lb (0.69 kg)
- 8.9-inch diagonal LED-backlit WSVGA wide-viewing angle display (1024 x 600)
- Capacitive multi-touch screen with pen digitizer
- Flexible wireless connectivity options:
  - Integrated 802.11 a/b/g/n + Bluetooth® 4.0 +HS
  - HP un2430 EV-DO/HSDPA Mobile Broadband Module (Gobi™ 3000)
- Intel® System Controller Hub (SCH) SM35 chipset and Intel® Atom™ Processor Z670
- Secure Digital (SD) slot
- Two integrated webcams (VGA inward facing; 3MP outward facing)
- HP Slate Dock and HP Slate Digital Pen are optional accessories that may be included on select configurations; HP Slate Bluetooth® Keyboard and Case.

Standard Features (availability may vary by country)

Processors	Intel Atom Processor Z670 (1.5 GHz, 512 KB L2 cache, 667 MHz FSB) * Intel's numbering is not a measurement of higher performance. Processor speed denotes maximum performance mode; processor will run at lower speeds in battery optimization mode.	
Operating System	**Preinstalled**	Genuine Windows® 7 Professional 32* Genuine Windows ® 7 Home Premium 32* Windows® Embedded Standard 7** * System may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See http://www.microsoft.com/windows/windows-7/ for details. **Operating system only available to customers with qualified usage models.
Chipset	Intel® System Controller Hub (SCH) SM35	
Graphics	Intel® Graphics Media Accelerator 600	
Display	**Internal**	8.9-inch diagonal WSVGA HP Touchscreen (1024 x 600) • Wide-viewing angle • Capacitive multi-touch screen with digitizer • Auto rotate (selectable) • Anti-glare flushed glass display • Anti-fingerprint coating • Accelerometer (ST Micro)
	External	Up to 32-bit per pixel color depth HDMI port in optional HP Slate Dock supports resolutions up to 1440x900 non-interlaced **NOTE:** Resolutions are dependent upon monitor capability, and resolution and color depth settings.
Memory	**Standard**	2 GB DDR2* on board memory Not customer accessible or upgradeable * Memory operates at the maximum system supported speed of 800 MHz.

Standard Features (availability may vary by country)

Wireless Support	**Integrated wireless LAN + Bluetooth**	Wi-Fi certified Integrated support for 802.11 a/b, g/n* + Bluetooth® 4.0 +HS WLAN antenna integrated in the display enclosure
	HP un2430 EV-DO/HSDPA Mobile Broadband Module (Gobi™ 3000)**	Integrated mobile broadband module that provides connectivity to both EVDO and HSPA networks. It also provides standalone, Internet and network assisted GPS functionality for various mapping applications and security applications such as Computrace Pro for HP ProtectTools.
	* Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited. ** For optimized WWAN performance, it is highly recommended that the case that came with this device is used when the WWAN is turned on. WWAN use requires a separately purchased wireless service contract. Check with your local vendor for coverage area and availability in your area. Connection and speeds will vary due to location, environment, network conditions, and other factors.	
Input Devices	Optional HP Slate Digital Pen* Optional HP Wireless Mini Keyboard* Optional HP Slate Bluetooth® Keyboard and Case* Optional HP 2.4 GHz Wireless Optical Mobile Mouse* * Sold separately or purchased as an optional feature.	
Expansion Card Slots	**Secure Digital slot**	Supports SD, SDHC, and SDXC Select models only
Internal Storage	**mSATA SSD**	Up to 64 GB * For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 15 GB (for Windows 7) of system disk is reserved for the system recovery software.
Removable Storage	Optional HP External USB 2.0 CD/DVD R/RW Drive* * Sold separately or purchased as an optional feature.	
Interfaces	**Combo stereo headphone/mic jack**	One (also available in optional HP Slate Cradle)
	Integrated microphone	One
	Power Connector/ HP Slate Dock connector	One (power connector also available in optional HP Slate Dock)
	USB 2.0	One (two additional with optional HP Slate Dock)

Standard Features (availability may vary by country)

Audio/Visual

HD Audio SRS Premium Sound
Integrated stereo speakers
Integrated microphone
Combo stereo headphone/microphone jack

Two integrated cameras

- VGA Webcam* (inward facing)
- 3MP Camera (outward facing)

* Internet access required. Playback may vary due to connection speeds, location, environment, network conditions and other factors. Video-enhanced IM software may be required.

HP Slate 2 Camera Specifications

Recording video	Slate 2 will have a maximum resolution equivalent to photo-capturing (Inward camera is VGA, Outward camera is 3MP)
Video-conferencing	The Slate 2 camera driver was tuned to a maximum of VGA resolution (640x480) in order to ensure higher quality playback experience.
Photo mode	
Inward camera	160x120; 320x240; 640x480
Outward camera	160x120; 320x240; 640x480; 1024x768; 1280x720; 1280x1024; 1600x1200; 2048x1536

Video mode

0.3M	**3.0M**
640 x 480 @ 25 fps	2048 x 1536 @ 15 fps
320 x 240 @ 25 fps	1600 x 1200 @ 15 fps
160 x 120 @ 25 fps	1280 x 1024 @ 15 fps
	1280 x 720 @ 15 fps
	1024 x 768 @ 25 fps
	640 x 480 @ 25 fps
	320 x 240 @ 25 fps
	160 x 120 @ 25 fps

Software

Preinstalled (Windows OS only)

HP Slate Camera
EVERNOTE
HP Support Assistant
Swype virtual keyboard

Security

Standard

TPM Embedded Security Chip 1.2

Standard Features (availability may vary by country)

HP ProtectTools	Security Manager Embedded Security for HP ProtectTools Computrace for HP ProtectTools* * The Computrace Agent is shipped turned off and must be activated by customer when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to five years. Service is limited, check with Absolute Software for service availability outside of North America. For more information, visit www.absolute.com.
Power Supply	30-watt AC adapter
Battery	2-cell, 30 WHr polymer Not customer replaceable.
Battery Life	Up to 7 hours and 30 minutes* * Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark07 battery benchmark http://www.bapco.com/products/mobilemark2007 for additional details.
Power Conservation	Standby, hibernation ACPI compliance
Docking (optional)	HP Slate Dock* This has connectors for (2) USB 2.0 ports, (1) HDMI connector**, (1) combo stereo headphone out/microphone in, and (1) power connector * Sold separately or purchased as an optional feature. ** The HP Slate Dock with HDMI port is required for the monitor connectivity.
Service and Support	HP Services includes a one-year standard parts and labor warranty, pick-up or carry-in, and toll-free 7 x 24 hardware technical phone support (depending on model). On-site service and warranty upgrades are also available (depending on model). **NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details. http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp.

Options (availability may vary by country)

Carrying Cases	HP Slate Bluetooth Keyboard and Case	A1C64AA
	HP Slate Folio with Strap	H1A17AA
Docking	HP Slate Dock with AC Adapter	QQ676AA
	HP USB Docking Station 2.0	AY052AA
	HP LAN and USB Travel Hub	BM868AA
Input/Output	HP Wireless Mini Keyboard	A3X55AA
	HP 2.4 GHz Wireless Optical Mobile Mouse	LX732AA
	HP Optical USB Travel Mouse	RH304AA
	HP Slate Digital Pen	QQ677AA
	HP Mobile USB DVD/RW	A2U57AA
	HP Slate Bluetooth® Keyboard and Folio	A1C64AA
Point of Sale	HP Retail Mobile POS Case	QY459AA
Power	HP Slate 30-Watt Power Adapter	QC252AA
	HP Slate Power Cable	H0R85AA
Video	HP USB Graphic Adapter	NL571AA
Networking	HP USB Ethernet Adapter	XZ613AA

Technical Specifications

System Unit	**Dimensions** (HxWxD)	5.9 x 9.21 x 0.61 in 15.0 x 23.4 x 1.5 cm	
	Weight	Starting at 1.5 lb (0.69 kg)	
	Stand-Alone Power Requirements	Normal Operating Voltage	19.0 V
		Average Operating Power	9.75 W
		Max Operating Power	< 25 W
	Temperature	Operating	50° to 95° F (10° to 35° C)
		Non-operating	-4° to 140° F (-20° to 60° C)
	Relative Humidity	Operating	10% to 90%, non-condensing
		Non-operating	5% to 95%, 101.6° F (38.7° C) maximum wet bulb temperature
	Altitude (unpressurized)	Operating	-50 to 10,000 ft (-15 to 3,048 m)
		Non-operating	-50 to 40,000 ft (-15 to 12,192 m)
	Shock	Operating	25G, 2 ms, half-sine
		Non-operating	200 G, 2 ms, half-sine
	Random Vibration	Operating	0.75 grms
		Non-operating	1.50 grms
	Altitude (unpressurized)	Operating	-50 to 10,000 ft (-15.24 to 3,048 m)
		Non-operating	-50 to 40,000 ft (-15.24 to 12,192 m)
	Planned Industry Standard Certifications	UL	Yes
		CSA	Yes
		FCC Compliance	Yes
		ICES	Yes
		Australia / NZ A-Tick Compliance	Yes
		CCC	Yes
		Japan VCCI Compliance	Yes
		KCC	Yes
		BSMI	Yes
		CE Marking Compliance	Yes
Audio	**SRS Premium Sound**		

Technical Specifications

Audio Output Quality	**Frequency Response**	20 Hz – 20 kHz	
	Signal to Noise Ratio	>85 dB	
	Total Harmonic Distortion	0.01%	
	Noise Floor	–110 dB	
	Play/Record Sampling Rate(s)	8 kHz – 48kHz	
	DAC	16, 20 or 24-bit	
	ADC	16 or 20-bit	

Power

HP 30W Smart AC Adapter	**Dimensions**	5.00 x 1.97 x 1.1 in (9.3 x 4.0 x 2.8cm)	
	Weight	0.82 lb (370 g)	
	Input	100 to 240 VAC	
		Input Efficiency	Avg 87% min at 115 VAC (Level V)
		Input frequency range	50 to 60 Hz
		Input AC current	2.4 A at 90 VAC, 1.2 A at 180 VAC
	Output	Output power	30W
		DC output	19.0V
		Hold-up time	5 msec at 115 VAC input
		Output current limit	<11A, Over voltage protection- 29V max automatic shutdown
	Connector	3 pin/grounded, mates with interchangeable cords	
	Environmental Design	Operating temperature	32° to 104° F (0° to 40° C)
		Non-operating (storage) temperature	-4° to 149° F (-20° to 65° C)
		Altitude	0 to 10,000 ft (0 to 3,048 m)
		Humidity	20% to 80%
		Storage Humidity	10% to 90%
	EMI and Safety Certifications	CE Mark - full compliance with LVD and EMC directives; Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE	

Technical Specifications

2-Cell (30 WHr) polymer battery	**Dimensions** (H x W x L)	0.25 x 3.25 x 8.75 in (0.7 x 8.3 x 22.5cm)	
	Cells/Type	2-cell Lithium Ion Polymer	
	Energy	Watt-hour capacity	30 WHr
	Temperature	Operating (Charging)	32° to 113° F (0° to 45° C)
		Operating (Discharging)	14° to 140° F (–10° to 60° C)
		Non-operating	–4° to 140° F (–20° to 60° C)
	Battery Re-Charge Time	System in OFF or Standby Mode	2.5 hours
		System ON	3 to 5 hours (depending on system power consumption)

Display

8.9-inch diagonal, WSVGA capacitive multi-touch panel with digitizer	**Active Area** (W x H)	7.68 x 4.46 in (19.5072 x 11.34 cm)	
	Diagonal Size	8.9 in (39.6cm)	
	Surface Treatment	Anti-glare	
	Contrast Ratio	500:1 (typical)	
	Refresh Rate	60 Hz	
	Brightness	200 nit (typical)	
	Pixel Resolution	**Pitch**	0.1905(H) x0.189(V)mm
		Format	1024 x 600
		Configuration	RGB Stripe
	Backlight	LED	
	PPI	133ppi	
	Viewing Angle	±60° Horizontal, ±40° Vertical (minimum) - 50 Vertical down (minimum) 30/30/20/10 (Left/Right/Down/Up) (minimum) or 45/45/35/25 (Left/Right/Down/Up) (typical)	

Internal Storage

Technical Specifications

Up to 64 GB mSATA SSD	**Drive Weight**	0.0022 lbs (10g)	
	Capacity	32 or 64 GB	
	Height	4.85 mm	
	Width	29.85 mm	
	Interface	ATA-8, SATA 2.6, 3.0 Gb/s, NCQ	
	Transfer Rate	**Synchronous** (maximum)	300 MB/s (Drive Capability)
	Performance	**Maximum Sequential Read**	**Maximum Sequential Write**
		230 MB/s	90 MB/s (32GB) and 180 MB/s (64GB)
	Logical Blocks	32GB for 62,533,296 and 64GB for 125,045,424	
	Operating Temperature	32° to 158°F (0° to 70°C) [case temp]	
	Features	ATA Security ATA-7 ; SATA 2.6; DIPM, TRIM	

Communications

802.11a/b/g/n* + Bluetooth® 4.0 +HS	**Wireless LAN Standards**	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n
	Interoperability	Wi-Fi certified
	Frequency Band	2.4 GHz and 5GHz
	Data Rates	802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps802.11n: 2.4 G support only 20 MHz BW MCS0~7 5G support 20 & 40 MHz BW MCS0~7 Many possible data rates, ranging from 6.5 Mbps to 150 Mbps, depending on the combination of Bandwidth, Modulation Coding Scheme, and Guard Interval used, as defined in IEEE 802.11n specification
	Modulation	Direct Sequence Spread Spectrum DBPSK, DQPSK, CCK, OFDM, BPSK, QPSK, 16-QAM, 64-QAM.
	Security[1]	Supports 64-bit and 128-bit WEP, WPA, WPA2, AES-CCMP 128-bit, 802.1x authentication, EAPtypes EAP-TLS, EAP-PEAPv0, EAP-PEAPv1, EAP-PEAPv2, EAP-FAST, EAP-SIM.
	Sub-channels	Multinational support with frequency bands and channels compliant to local regulations.
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
	Roaming	IEEE 802.11 compliant roaming between access points
	Output Power (for CCK)[2]	15 dBm, nominal
	Output Power (for OFDM;	2.4G->

Technical Specifications

power varies by data rate)[2]	Legacy OFDM 20MHz 6-36Mbps : 15 dBm nominal Legacy OFDM 20MHz 48Mbps : 14 dBm nominal Legacy OFDM 20MHz 48Mbps : 13 dBm nominal OFDM MCS 0~3 20MHz : 14 dBm nominal OFDM MCS 4 20MHz : 13 dBm nominal OFDM MCS 5 20MHz : 12 dBm nominal OFDM MCS 6 20MHz : 11 dBm nominal OFDM MCS 7 20MHz : 10 dBm nominal 5Gz->: Legacy OFDM 20MHz 6-24Mbps : 17 dBm nominal Legacy OFDM 20MHz 36Mbps : 15 dBm nominal Legacy OFDM 20MHz 48Mbps : 14 dBm nominal Legacy OFDM 20MHz 54Mbps : 11 dBm nominal OFDM MCS 0~3 20MHz : 14 dBm nominal OFDM MCS 4 20MHz : 13 dBm nominal OFDM MCS 5 20MHz : 12 dBm nominal OFDM MCS 6 20MHz : 11 dBm nominal OFDM MCS 7 20MHz : 10 dBm nominal
Power Consumption	Transmit: 1.0 W (max) (3.3V, 300mA) Receive: 0.4 W (max) (3.3V, 120mA) Associated to Access Point, Idle: 250mW mW nominal
Power Management	ACPI compliant power management 802.11 compliant power saving mode
Receiver Sensitivity[3]	2.4Gz->: CCK, 1Mbps: -94 dBm; CCK, 11Mbps: -86 dBm ; OFDM, 6Mbps : -90 dBm; OFDM, 54Mbps : -73 dBm; HT20, MCS0 : -91 dBm; HT20, MCS7 : -70 dBm; 5Gz->: OFDM, 6Mbps : -88 dBm; OFDM, 54Mbps : -72 dBm; HT20, MCS0 : -88 dBm; HT20, MCS7 : -69 dBm; HT40, MCS0 : -84 dBm; HT40, MCS7 : -65
Antenna type	High efficiency antenna with spatial diversity, mounted in the display enclosure. High efficiency antenna with spatial diversity, mounted in the display enclosure.
Form Factor	PCI-Express Half-MiniCard
Weight	3.7g
Dimensions	4.5 x 26.8 x 30 mm
Operating Voltage	3.3v +/- 9%
Temperature	Operating 0° to 70° C Non-operating –35° to 125° C
Humidity	Operating 0% to 90% (non-condensing) Non-operating 0% to 95% (non-condensing)
Altitude	Operating 0 to 10,000 ft (3,048 m) Non-operating 0 to 50,000 ft (15,240 m)
LED Activity	LED Off – Radio OFF; Solid LED On – Radio ON

1. Check latest software/driver release for updates on supported security features.
2. Maximum output power may vary by country according to local regulations.
3. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

HP un2430 EV-DO/HSDPA Mobile Broadband Module (Gobi™ 3000)	**Technology/Operating Bands**	GSM/GPRS/EDGE: 850MHz(Cell), 900MHz(EGSM), 1800MHz(DCS), 1900MHz (PCS) UMTS/WCDMA with receive diversity: 2100MHz (UTRA FDD Band I), 1900MHz (UTRA FDD Band II), AWS (UTRA FDD Band IV), 900MHz(UTRA FDD Band VIII), 850MHz (UTRA FDD Band V) 1xEVDO/1xRTT with receive diversity: 850MHz (Band Class0-Cell), 1900MHz (Band Class1-PCS)
	Wireless Protocol Standards	GSM/GPRS/EDGE: Class A, Multi-slot class 10 operation, coding schemes CS1 - CS4 and MSC1 - MSC9. UMTS/WCDMA: Release 99 and Release 6 CDMA: 1xEVDO Release 0 and Release A, IS-95A, IS-95B, IS-856, IS-2000
	Wireless Parametric Standards	Meets or exceeds TIA/EIA IS-98-D
	Maximum Data Rates	UMTS (HSPA) - 14.4 Mbps (Download), 5.76Mbps (Upload) CDMA (EVDO Release A) - 3.1 Mbps (Download), 1.8Mbps (Upload)
	GPS	Standalone GPS enabled gpsOneXTRATM™
	GPS Bands	L1 - 1575.42 MHz
	Maximum Output Power	GSM/GPRS/EDGE: 32dBm (+/-1) WCDMA: 24dBm (+0.7/-2.3) CDMA: 24dBm (+0.7/-2)
	Maximum Power Consumption	2750mA (peak); 1100mA (average)
	Power Consumption, Idle Not Connected	20 mA
	Power Management	USB selective suspend Integrated notebook wireless button
	Antenna Type	Dual high efficiency 5 band antennae with spatial diversity, mounted in the display enclosure
	Form Factor	PCI-Express MiniCard, USB 2.0 interface
	Weight	11.5 g
	Dimensions (Length x Width x Thickness)	2.01 x 1.18 x 0.18 in (51 x 30 x 5 mm)
	Voltage, Operating	3.3v +/- 10%
	Temperature, Operating (from TIA/EIA/IS-98-D)	-22° to 158° F (-30° to 70° C) (full RF performance) -22° to 167° F (-30° to 75° C) (reduced RF performance)
	Temperature, Non-operating, 96 hours (from MIL-STD 202 Method 108)	-40° to 185° F (-40° to 85° C)
	Humidity, Non-operating	95% relative humidity for 48 hours @ 185° F (85° C) (non-condensing)

	Configuration Utilities	HP Connection Manager
	LED Activity	LED Off - Radio Off; Solid LED On - Radio On

Environmental Data

Eco-Label Certifications

This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration

System Configuration

The configuration used for the Energy Consumption and Declared Noise Emissions data for these models are based on a "Typically Configured Notebook"

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	3.15 W	3.27 W	3.03 W
Sleep	N/A	N/A	N/A
Off	N/A	N/A	N/A

Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	11 BTU/hr	11 BTU/hr	10 BTU/hr
Sleep	N/A	N/A	N/A
Off	N/A	N/A	N/A

* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan Off	Sound Power (LWAd, bels)	Sound Pressure (LpAm, decibels)
Idle	2.6	15.6
Fixed Disk (random writes)	2.6	15.4

System fan is usually off except when charging the battery

Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight

The battery type and chemistry used in the product is:
CR2032 (coin cell), Li-ion
6-cell high capacity Lithium-Ion battery (optional 8 cell available)

Additional information

This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive – 2002/95/EC.

This HP product is designed to comply with the Waste Electrical and Electronic

Equipment (WEEE) Directive – 2002/96/EC.

This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

This product contains 0% post consumer recycled plastic (by wt.)

This product is greater than 98.3% recycle-able when properly disposed of at end of life.

Packaging Materials

- External:
  - PAPER/Paper – 495 g
- Internal:
  - PLASTIC/Polypropylene – 10 g

- The Paper/Paper packaging material is made from 80% recycled content.
- The PLASTIC/Polypropylene packaging material is made from 70% recycled content.

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (for reference of these limits please refer to the HP General Specification of the Environment: (http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics

- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
- Nickel finishes that release greater than 0.5 µgrams/cm2/week, measured according to EN 1811:1998, are not used on any product surface designed to be frequently handled or touched by users.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment:
Global Citizenship Report
http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html
Environment website
http://www.hp.com/environment
Eco-label certifications
http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html
ISO 14001 certificates:
http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html

Technical Specifications

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